

EXPRESS MAIL LABEL NO. EV314044177US

DATED: 28 JANUARY 2004

ATTORNEY DOCKET: MICI 1002-3

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of Inventors:

**C. Brent Dane et al.**

Application No.: \_\_\_\_\_

Filed: **28 January 2004 (herewith)**

Title: **Stimulated Brillouin Scattering Mirror System,  
High Power Laser and Laser Peening Method  
and System Using Same**

Group Art Unit: **unknown**

Examiner: **unknown**

**Customer No. 22470**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56.

Enclosed with this statement is a Form PTO-SB/08. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. 609.

Also enclosed with this statement is a copy of each cited document as required by 37 C.F.R. 1.98. The exception to this, in accordance with the 05 August 2003 Official Gazette Notice in which the USPTO waives the requirement for submitting copies of U.S. Patent and Publications for cases filed after 30 June 2003, is that copies of U.S. Patent documents and copies of U.S. Patent publications are not being submitted.

This statement should be considered under 37 C.F.R. 1.97(b) because it is being filed within three months of the filing date of an application other than a continued prosecution application under 37 C.F.R. 1.53(d).

**Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869 (MICI 1002-3). A copy of this authorization is enclosed.

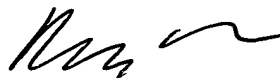
Respectfully submitted,

HAYNES BEFFEL & WOLFELD LLP

Date: \_\_\_\_\_

28 Jan 04

By: \_\_\_\_\_



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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Compl te If Known</b>	
			Application Number	
			Filing Date	
			First Named Inventor	
			Group Art Unit	
			Examiner Name	
Sheet <input style="width: 30px; text-align: center;" type="text" value="1"/> of <input style="width: 30px; text-align: center;" type="text" value="2"/>			Attorney Docket Number	
			MICI 1002-3	

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	5,022,033		Hackell	06-04-1991	
	A2	5,239,408		Hackel et al.	08-24-1993	
	A3	5,689,363		Dane et al.	11-18-1997	
	A4	6,198,069		Hackel et al.	03-06-2001	
	A5					
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	A7					
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ts
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>Substitute for form 1449B/PTO</p><h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2><p style="text-align: center;">(use as many sheets as necessary)</p></div><div style="width: 50%; border: 1px solid black; padding: 5px;"><p style="text-align: center; margin: 0;"><b>Complete if Known</b></p><table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">Application Number</td><td style="width: 50%;"></td></tr><tr><td>Filing Date</td><td>28 January 2004 (herewith)</td></tr><tr><td>First Named Inventor</td><td>C. Brent Dane et al.</td></tr><tr><td>Group Art Unit</td><td></td></tr><tr><td>Examiner Name</td><td></td></tr><tr><td>Attorney Docket Number</td><td>MICI 1002-3</td></tr></table></div></div>				Application Number		Filing Date	28 January 2004 (herewith)	First Named Inventor	C. Brent Dane et al.	Group Art Unit		Examiner Name		Attorney Docket Number	MICI 1002-3
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Sheet	2	of	2												

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	FAIRAND, B.P. et al., "Laser shock-induced microstructural and mechanical property changes in 7075 aluminum," J. Appl. Phys. 43(9) (Sept 1972) 3893-3895.	
	C2	3M Fluorinert Liquids Product Information, 4 pages	
	C3	CROFTS, G.J., et al., "Experimental and theoretical investigation of two-cell stimulated-Brillouin-scattering systems," J. Opt. Soc. Am. B 8(11) (Nov 1991) 2282-2288.	
	C4	DANE, C.B. et al., "Design and Operation of a 150 W Near Diffraction-Limited Laser Amplifier with SBS Wavefront Correction," IEEE Journal of Quantum Electronics 31(1) (Jan 1995) 148-162.	

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